

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024645.D
 Acq On : 30 Mar 2023 16:30
 Operator : CG/JU
 Sample : SSTD3.287
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2249

Quant Time: Mar 30 17:04:57 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 17:03:43 2023
 Response via : Initial Calibration

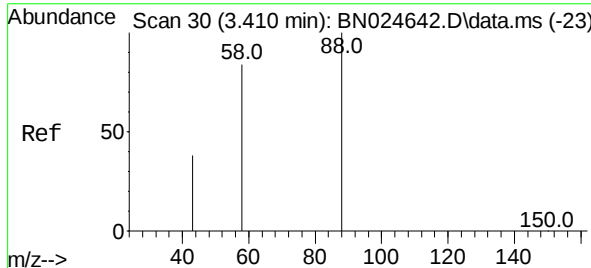
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	8959	0.400	ng/ul	0.00
4) Naphthalene-d8	10.817	136	27171	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	15486	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	32208	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	31294	0.400	ng/ul	0.00
23) Perylene-d12	24.047	264	24160	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	28658	3.096	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	109503	3.266	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	235579	3.076	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	30660	3.161	ng/ul	92
5) Naphthalene	10.867	128	213495	3.199	ng/ul	99
7) 2-Methylnaphthalene	12.473	142	136465	3.283	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	141298	3.252	ng/ul	100
10) Acenaphthylene	14.360	152	189427	3.460	ng/ul	99
11) Acenaphthene	14.703	153	154114	3.244	ng/ul	99
12) Fluorene	15.684	166	178791	3.297	ng/ul	99
14) Pentachlorophenol	17.033	266	27767	4.248	ng/ul	98
15) Phenanthrene	17.426	178	289261	3.275	ng/ul	100
16) Anthracene	17.519	178	262647	3.561	ng/ul	99
19) Fluoranthene	19.441	202	340843	3.091	ng/ul	99
20) Pyrene	19.803	202	339759	3.026	ng/ul	100
21) Benzo(a)anthracene	21.548	228	313427	3.334	ng/ul	99
22) Chrysene	21.603	228	319717	3.092	ng/ul	100
24) Benzo(b)fluoranthene	23.287	252	320204	3.190	ng/ul	94
25) Benzo(k)fluoranthene	23.337	252	324448	3.359	ng/ul#	92
26) Benzo(a)pyrene	23.939	252	261717	3.315	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.646	276	328122	3.489	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.660	278	263994	3.509	ng/ul	96
29) Benzo(g,h,i)perylene	27.441	276	272069	3.363	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 30 17:03:43 2023
Response via : Initial Calibration





1,4-Dioxane

Concen: 3.161 ng/ul

RT: 3.406 min Scan# 1

Delta R.T. -0.004 min

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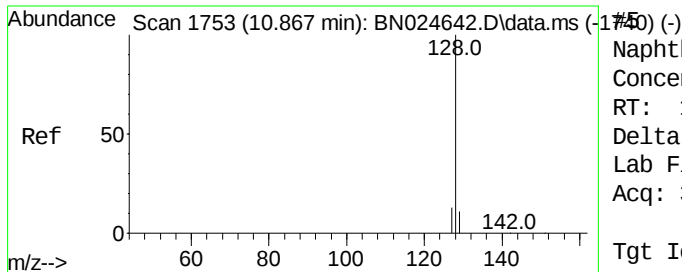
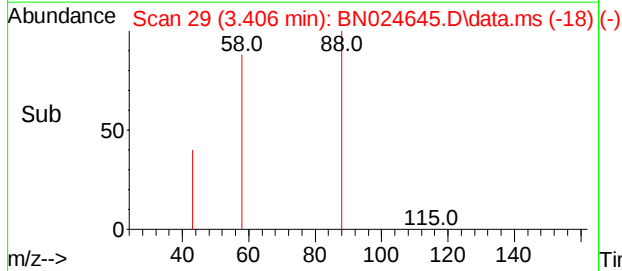
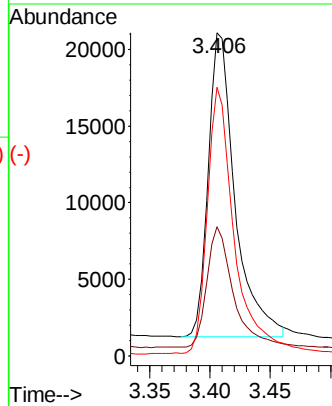
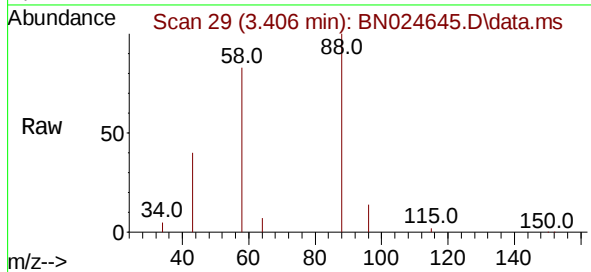
Tgt Ion: 88 Resp: 30660

Ion Ratio Lower Upper

88 100

43 40.0 37.2 55.8

58 83.2 61.5 92.3



Naphthalene

Concen: 3.199 ng/ul

RT: 10.867 min Scan# 1753

Delta R.T. 0.000 min

Lab File: BN024645.D

Acq: 30 Mar 2023 16:30

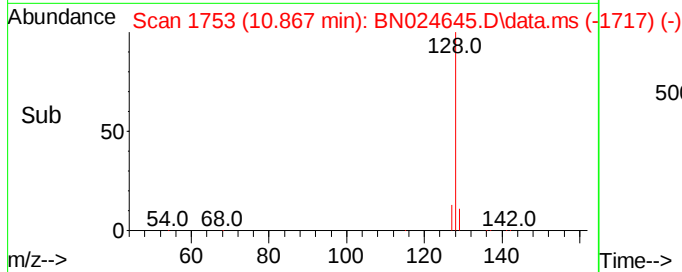
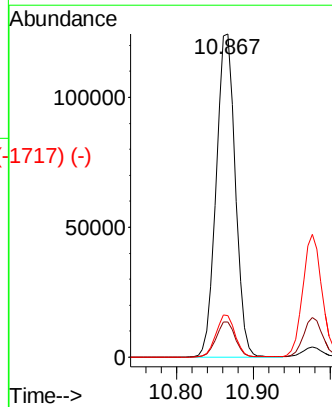
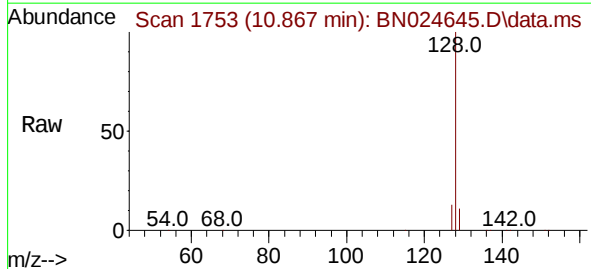
Tgt Ion: 128 Resp: 213495

Ion Ratio Lower Upper

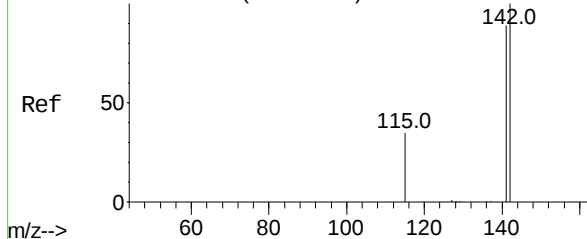
128 100

129 11.0 9.0 13.6

127 12.8 10.5 15.7



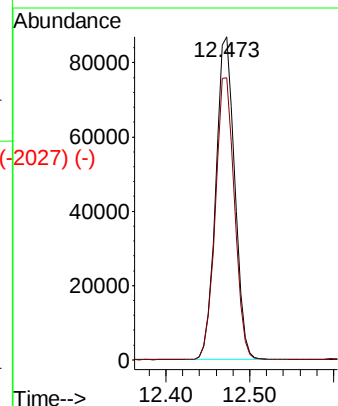
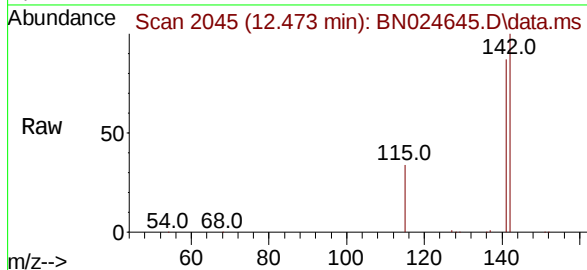
Abundance Scan 2045 (12.473 min): BN024642.D\data.ms (-2037) (-)



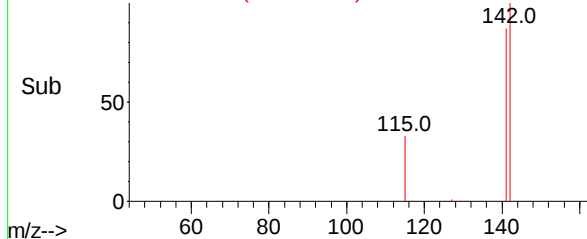
2-Methylnaphthalene
Concen: 3.283 ng/u1
RT: 12.473 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BN024645.D
Acq: 30 Mar 2023 16:30

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

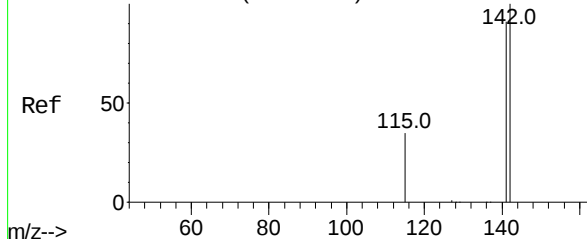
Tgt Ion:142 Resp: 136465
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3



Abundance Scan 2045 (12.473 min): BN024645.D\data.ms (-2027) (-)

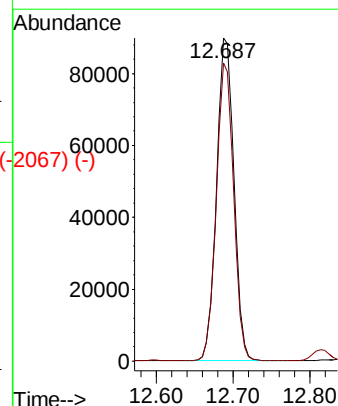
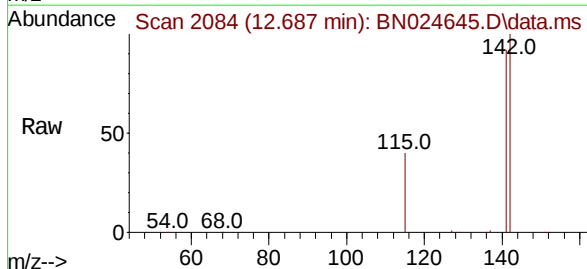


Abundance Scan 2085 (12.693 min): BN024642.D\data.ms (-2078) (-)

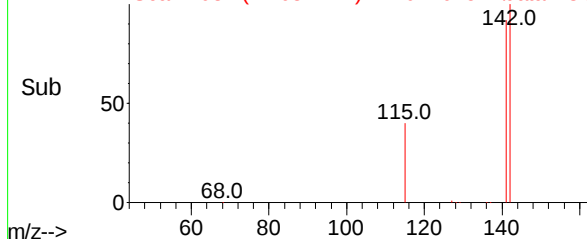


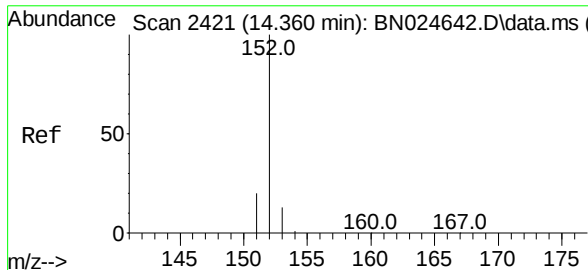
1-Methylnaphthalene
Concen: 3.252 ng/u1
RT: 12.687 min Scan# 2084
Delta R.T. -0.005 min
Lab File: BN024645.D
Acq: 30 Mar 2023 16:30

Tgt Ion:142 Resp: 141298
Ion Ratio Lower Upper
142 100
141 91.8 73.5 110.3



Abundance Scan 2084 (12.687 min): BN024645.D\data.ms (-2067) (-)





Acenaphthylene

Concen: 3.460 ng/ul

RT: 14.360 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BN024645.D

Acq: 30 Mar 2023 16:30

Instrument :

BNA_N

ClientSampleId :

SSTD3.2249

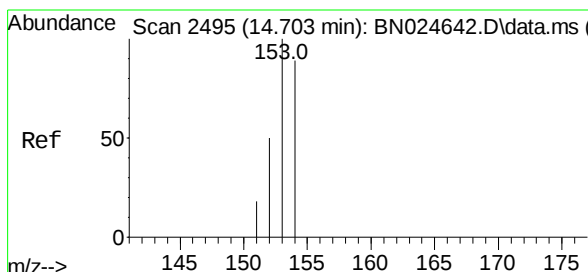
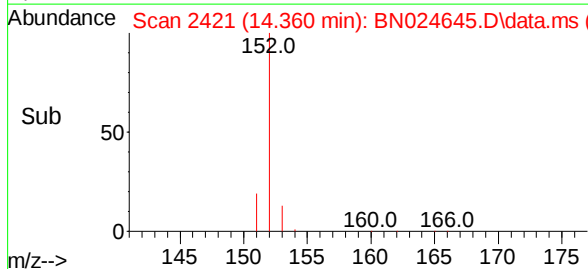
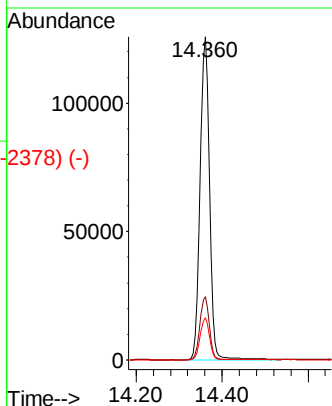
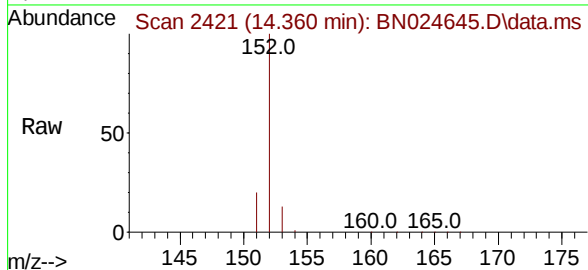
Tgt Ion:152 Resp: 189427

Ion Ratio Lower Upper

152 100

151 19.5 16.1 24.1

153 13.1 10.6 16.0



Acenaphthene

Concen: 3.244 ng/ul

RT: 14.703 min Scan# 2495

Delta R.T. 0.000 min

Lab File: BN024645.D

Acq: 30 Mar 2023 16:30

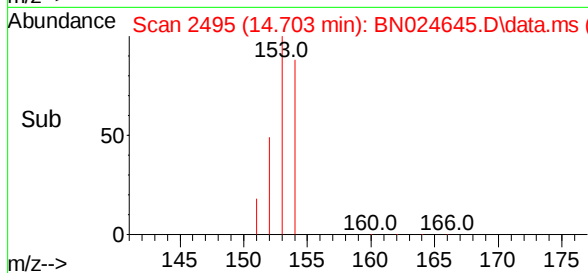
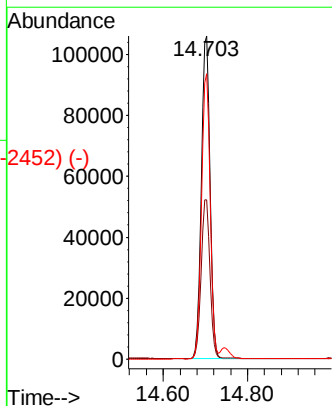
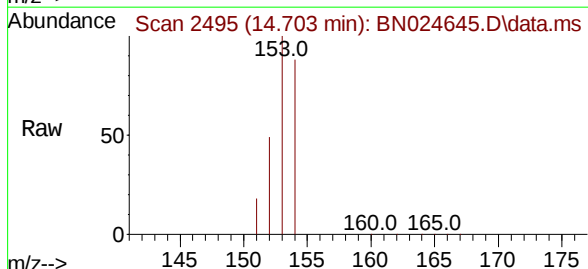
Tgt Ion:153 Resp: 154114

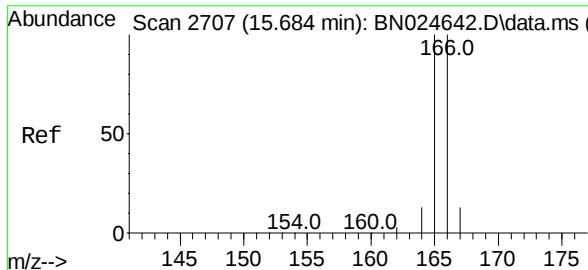
Ion Ratio Lower Upper

153 100

152 49.2 40.3 60.5

154 88.4 71.0 106.4

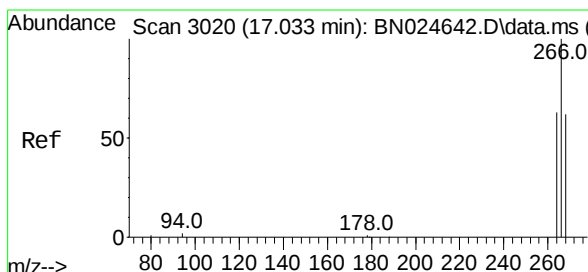
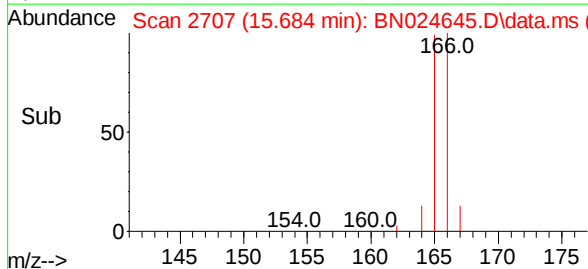
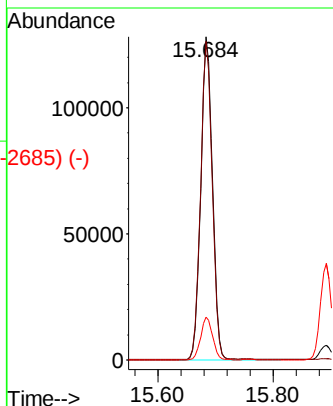
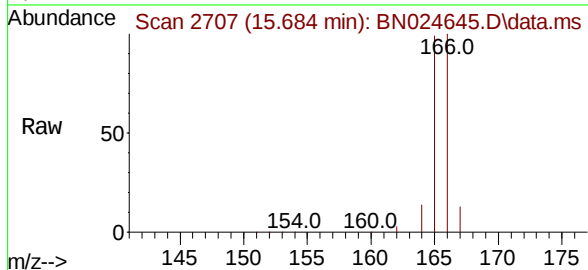




Scan 2707 (15.684 min): BN024642.D\data.ms (-2699) (-)
 Fluorene
 Concen: 3.297 ng/ul
 RT: 15.684 min Scan# 2707
 Delta R.T. 0.000 min
 Lab File: BN024645.D
 Acq: 30 Mar 2023 16:30

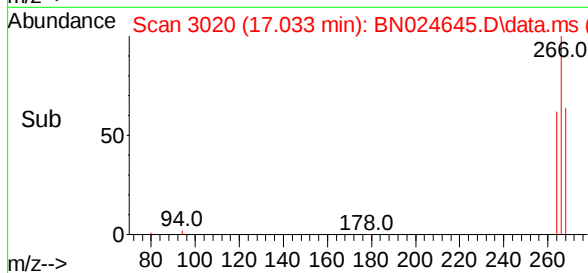
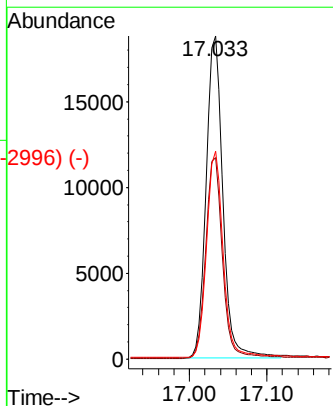
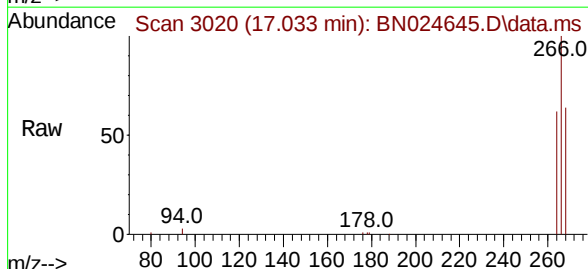
Instrument :
 BNA_N
 ClientSampleId :
 SST03.2249

Tgt Ion:	166	Resp:	178791
Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.0	120.0
167	13.3	10.8	16.2

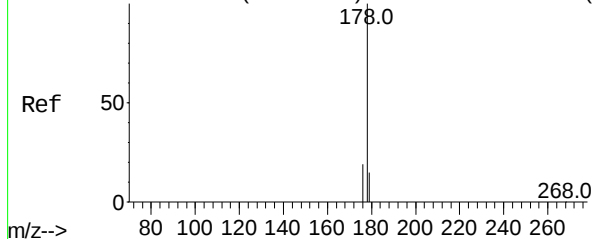


Scan 3020 (17.033 min): BN024642.D\data.ms (-3010) (-)
 Pentachlorophenol
 Concen: 4.248 ng/ul
 RT: 17.033 min Scan# 3020
 Delta R.T. 0.000 min
 Lab File: BN024645.D
 Acq: 30 Mar 2023 16:30

Tgt Ion:	266	Resp:	27767
Ion	Ratio	Lower	Upper
266	100		
264	62.8	49.6	74.4
268	63.7	52.6	78.8



Abundance Scan 3113 (17.426 min): BN024642.D\data.ms (-3105) (-)



Phenanthrene

Concen: 3.275 ng/ul

RT: 17.426 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BN024645.D

Acq: 30 Mar 2023 16:30

Instrument :

BNA_N

ClientSampleId :

SSTD3.2249

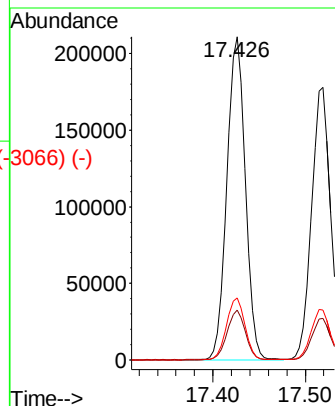
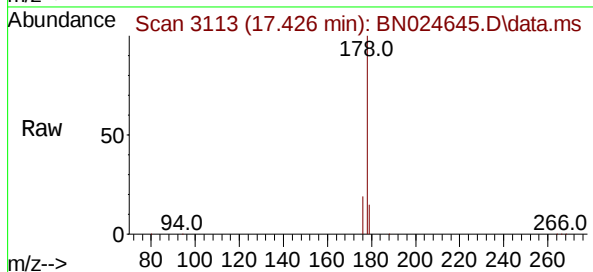
Tgt Ion:178 Resp: 289261

Ion Ratio Lower Upper

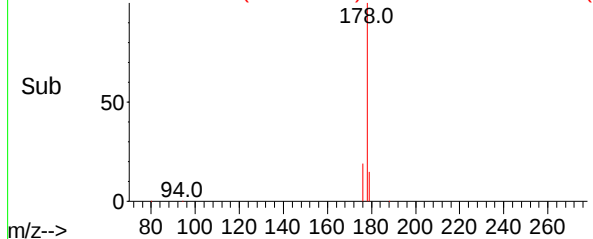
178 100

179 15.4 12.3 18.5

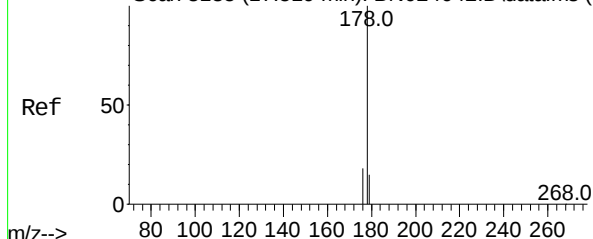
176 19.3 15.5 23.3



Abundance Scan 3113 (17.426 min): BN024645.D\data.ms (-3066) (-)



Abundance Scan 3135 (17.519 min): BN024642.D\data.ms (-3126) (-)



Anthracene

Concen: 3.561 ng/ul

RT: 17.519 min Scan# 3135

Delta R.T. 0.000 min

Lab File: BN024645.D

Acq: 30 Mar 2023 16:30

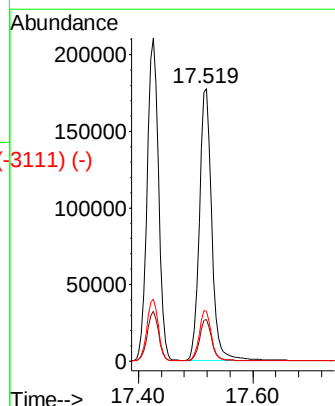
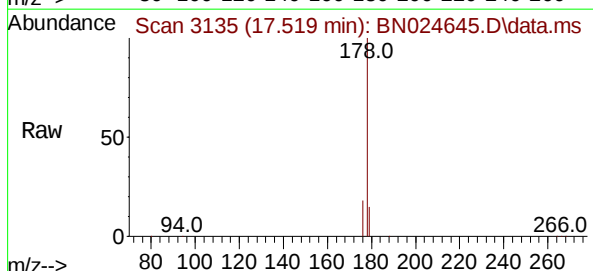
Tgt Ion:178 Resp: 262647

Ion Ratio Lower Upper

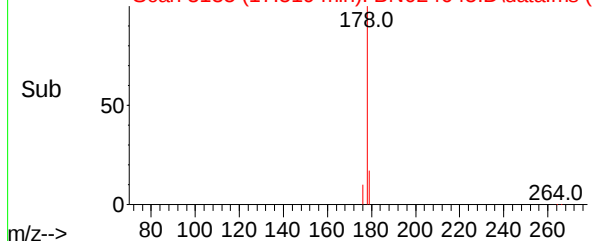
178 100

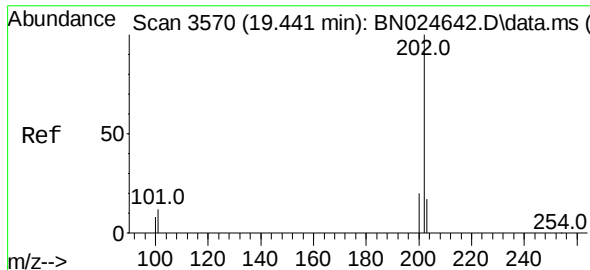
179 15.3 12.7 19.1

176 18.3 15.2 22.8



Abundance Scan 3135 (17.519 min): BN024645.D\data.ms (-3111) (-)





Fluoranthene

Concen: 3.091 ng/ul

RT: 19.441 min Scan#

Delta R.T. 0.000 min

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SSTD3.2249

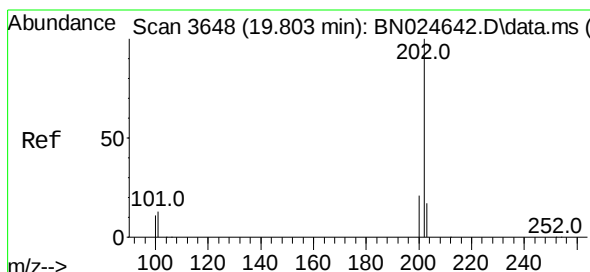
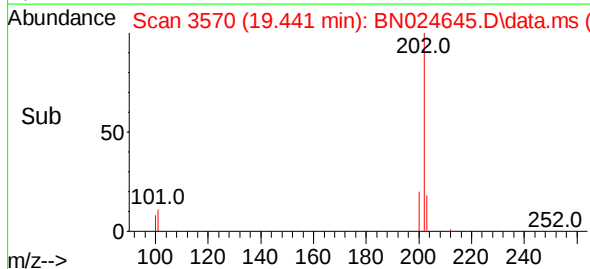
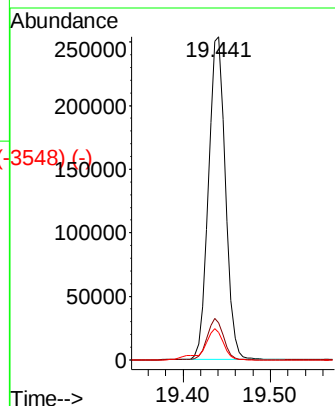
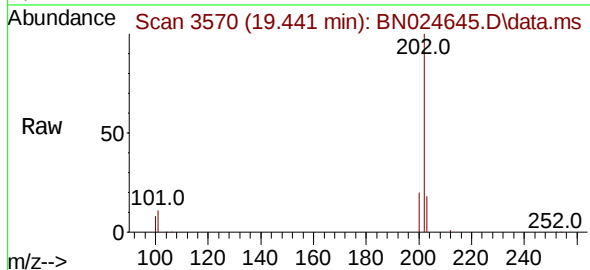
Tgt Ion:202 Resp: 340843

Ion Ratio Lower Upper

202 100

101 11.4 9.6 14.4

100 8.5 7.0 10.6



Pyrene

Concen: 3.026 ng/ul

RT: 19.803 min Scan# 3648

Delta R.T. 0.000 min

Lab File: BN024645.D

Acq: 30 Mar 2023 16:30

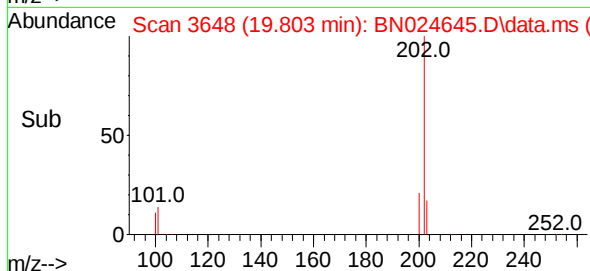
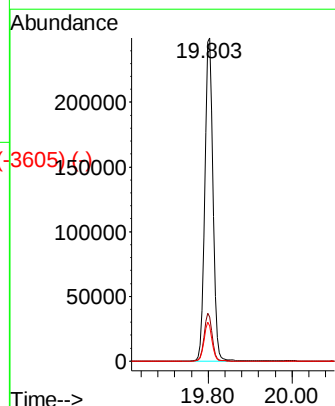
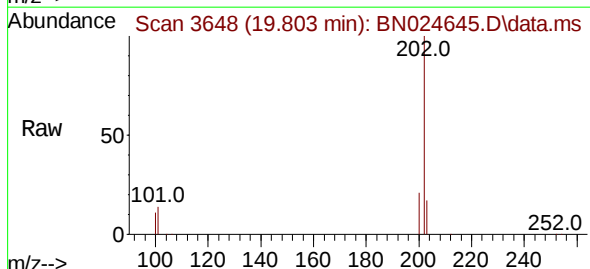
Tgt Ion:202 Resp: 339759

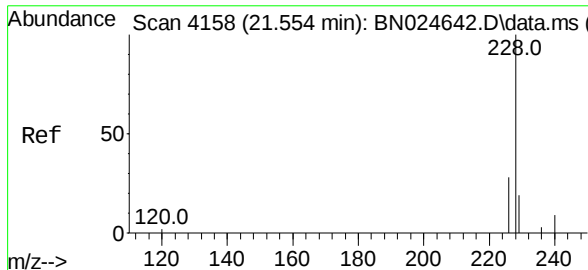
Ion Ratio Lower Upper

202 100

101 13.7 10.9 16.3

100 10.9 8.7 13.1

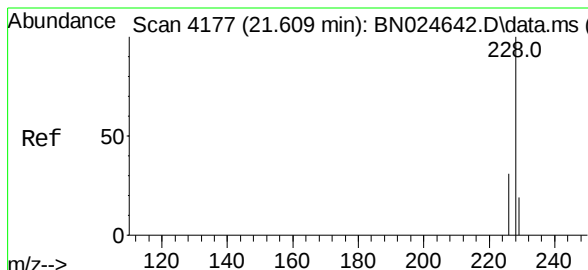
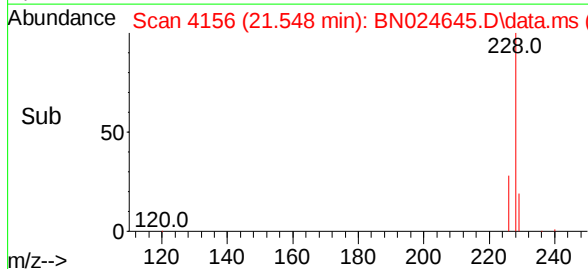
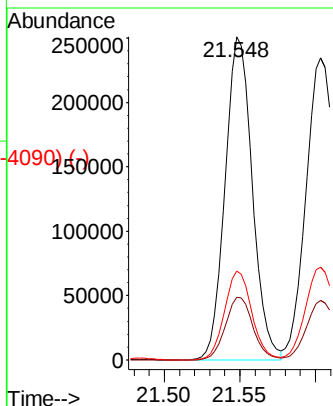
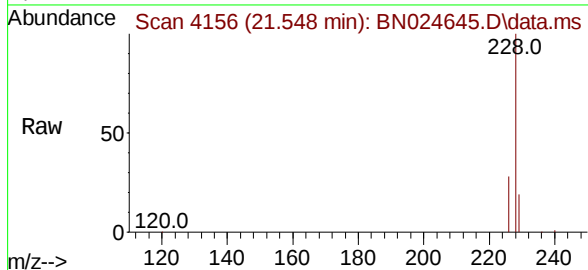




Benzo(a)anthracene
Concen: 3.334 ng/ul
RT: 21.548 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BN024645.D
Acq: 30 Mar 2023 16:30

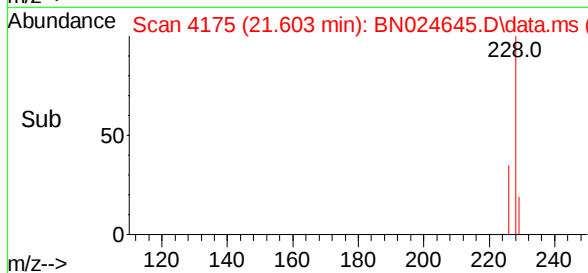
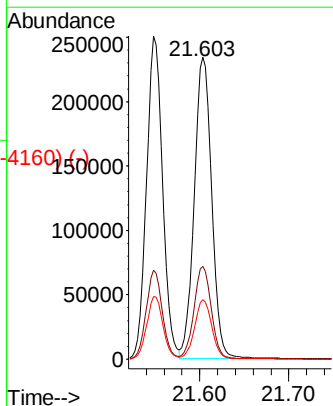
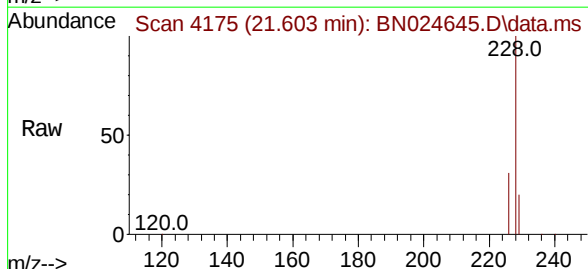
Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Tgt Ion:228 Resp: 313427
Ion Ratio Lower Upper
228 100
229 19.5 15.6 23.4
226 27.6 22.5 33.7



Chrysene
Concen: 3.092 ng/ul
RT: 21.603 min Scan# 4175
Delta R.T. -0.006 min
Lab File: BN024645.D
Acq: 30 Mar 2023 16:30

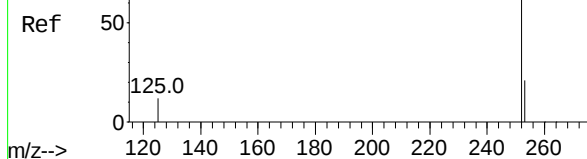
Tgt Ion:228 Resp: 319717
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 19.7 15.6 23.4



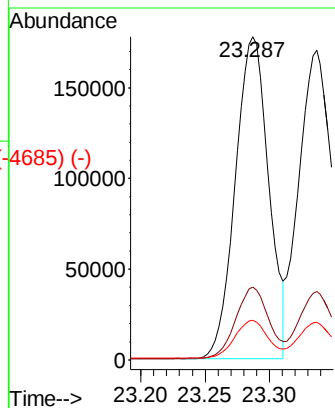
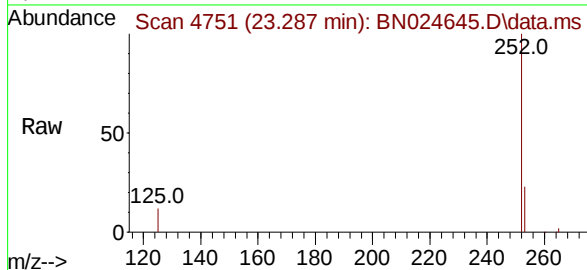
Abundance Scan 4753 (23.293 min): BN024642.D\data.ms (-4725) (-)

Benzo(b)fluoranthene
Concen: 3.190 ng/u1
RT: 23.287 min Scan# 4751
Delta R.T. -0.006 min
Lab File: BN024645.D
Acq: 30 Mar 2023 16:30

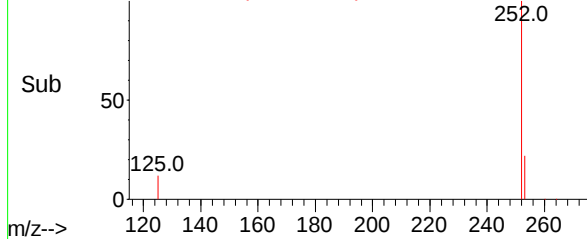
Instrument :
BNA_N
ClientSampleId :
SSTD3.2249



Tgt Ion:	252	Resp:	320204
Ion Ratio	Lower	Upper	
252	100		
253	22.5	0.0	49.6
125	12.2	0.0	32.4



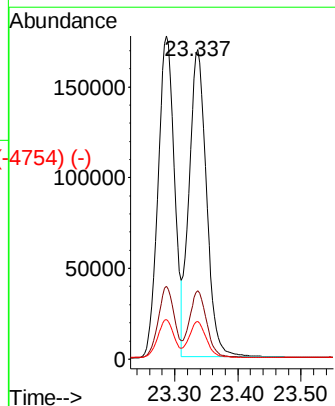
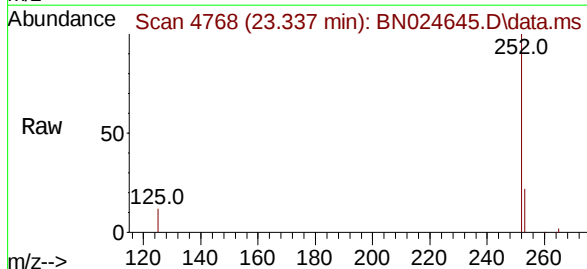
Abundance Scan 4751 (23.287 min): BN024645.D\data.ms (-4685) (-)



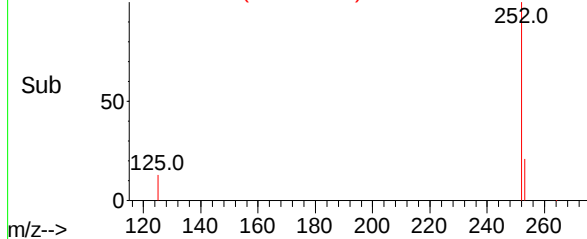
Abundance Scan 4771 (23.345 min): BN024642.D\data.ms (-4725) (-)

Benzo(k)fluoranthene
Concen: 3.359 ng/u1
RT: 23.337 min Scan# 4768
Delta R.T. -0.009 min
Lab File: BN024645.D
Acq: 30 Mar 2023 16:30

Tgt Ion:	252	Resp:	324448
Ion Ratio	Lower	Upper	
252	100		
253	22.0	20.2	30.2
125	12.1	13.1	19.7#



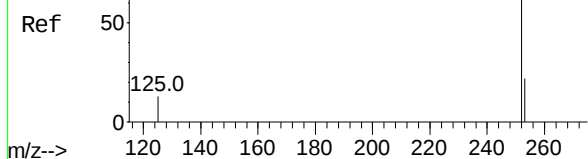
Abundance Scan 4768 (23.337 min): BN024645.D\data.ms (-4754) (-)



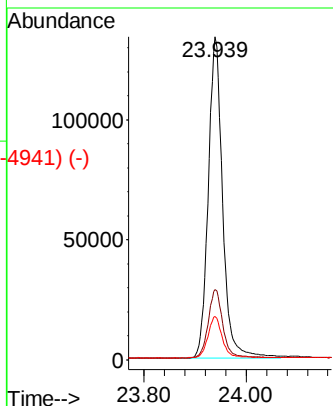
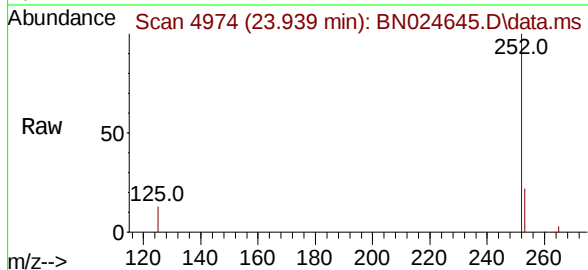
Abundance Scan 4975 (23.942 min): BN024642.D\data.ms (-4926) (-)

Benzo(a)pyrene
Concen: 3.315 ng/u1
RT: 23.939 min Scan# 4926
Delta R.T. -0.003 min
Lab File: BN024645.D
Acq: 30 Mar 2023 16:30

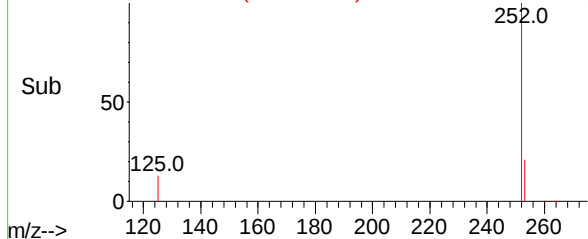
Instrument :
BNA_N
ClientSampleId :
SSTD3.2249



Tgt Ion:	252	Resp:	261717
Ion Ratio	Lower	Upper	
252	100		
253	21.7	21.8	32.8#
125	13.4	15.4	23.0#



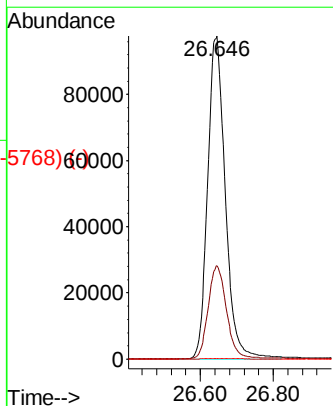
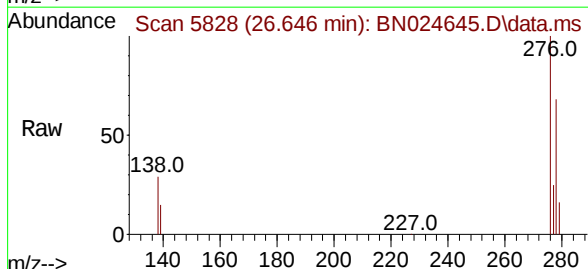
Abundance Scan 4974 (23.939 min): BN024645.D\data.ms (-4941) (-)



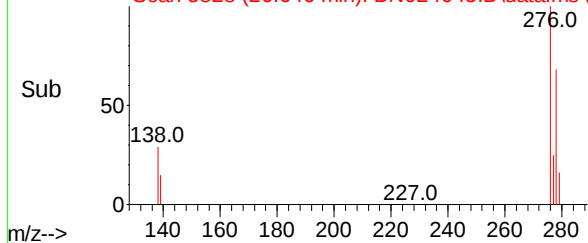
Abundance Scan 5828 (26.647 min): BN024642.D\data.ms (-5827) (-)

Indeno(1,2,3-cd)pyrene
Concen: 3.489 ng/u1
RT: 26.646 min Scan# 5828
Delta R.T. -0.000 min
Lab File: BN024645.D
Acq: 30 Mar 2023 16:30

Tgt Ion:	276	Resp:	328122
Ion Ratio	Lower	Upper	
276	100		
138	30.1	24.6	36.8
227	0.2	0.1	0.1#



Abundance Scan 5828 (26.646 min): BN024645.D\data.ms (-5768) (-)



Abundance Scan 5836 (26.673 min): BN024642.D\data.ms (-5828) (-)

Dibenzo(a,h)anthracene

Concen: 3.509 ng/u1

RT: 26.660 min Scan# 5832

Delta R.T. -0.014 min

Lab File: BN024645.D

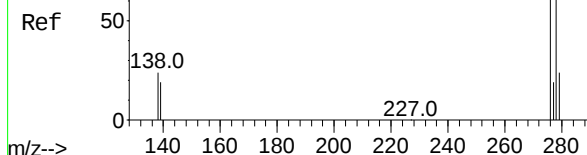
Acq: 30 Mar 2023 16:30

Instrument :

BNA_N

ClientSampleId :

SSTD3.2249



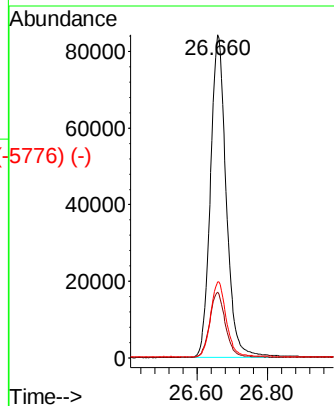
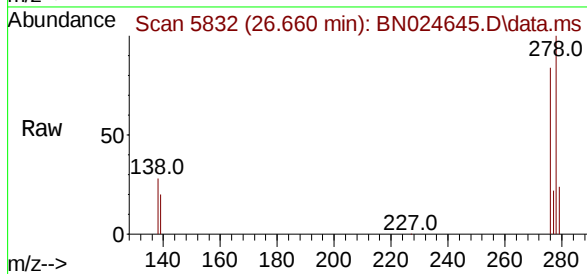
Tgt Ion:278 Resp: 263994

Ion Ratio Lower Upper

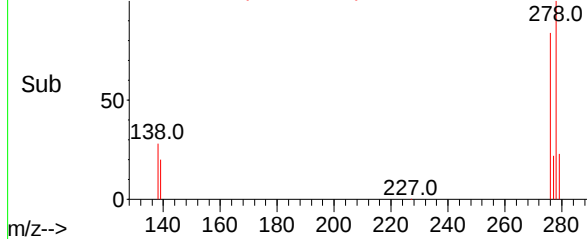
278 100

139 20.4 16.5 24.7

279 23.6 21.8 32.8



Abundance Scan 5832 (26.660 min): BN024645.D\data.ms (-5776) (-)



Abundance Scan 6068 (27.451 min): BN024642.D\data.ms (-6029) (-)

Benzo(g,h,i)perylene

Concen: 3.363 ng/u1

RT: 27.441 min Scan# 6065

Delta R.T. -0.010 min

Lab File: BN024645.D

Acq: 30 Mar 2023 16:30

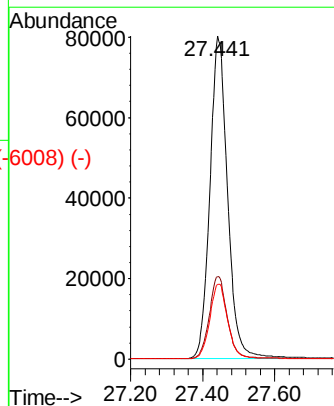
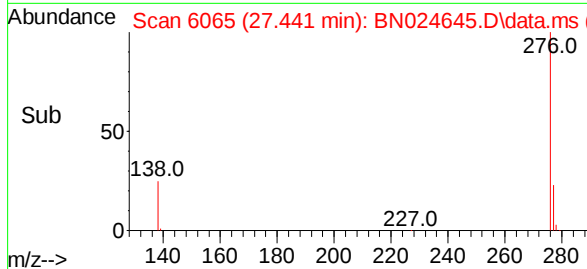
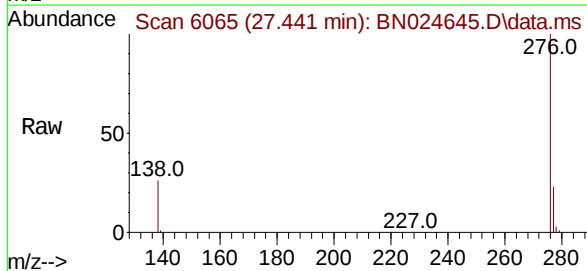
Tgt Ion:276 Resp: 272069

Ion Ratio Lower Upper

276 100

138 25.6 21.4 32.2

277 23.2 19.8 29.6



Abundance Scan 6065 (27.441 min): BN024645.D\data.ms (-6008) (-)

